

# THE FMSB NEWSLETTER

Volume 19

<http://www.nnsy1.navy.mil/FMSB>

May 2003

## CHANGES AT FMSB

*Mike Hardison*

One of FMSB's staff engineers, William Mitchell, retired May 3, 2003 after 35 years of federal service. Willie T., as we like to call him, started working in civil service as a nuclear engineer in Charleston Naval Shipyard way back in the dark ages, 1968 or thereabouts. He came over to work for FMSB, previously known as IMANPY, in 1995. Most recently, Willie T. was the project manager for the Basic Trade Skill Lesson Plans, thereby being responsible for maintaining, updating, and publishing the various lesson modules. One of his latest projects was to schedule, review and coordinate the conversion of the BTSLPs from text and video to Computer-Aided Maintenance Lessons (CAMLs). Willie T.'s methodical, laid-back style will be missed around the office. We wish "Fair Winds and Following Seas" to a good friend and co-worker. Mark Rice and Butch Estridge will be the new points of contact for questions concerning the BTSLPs and/or their conversion to CAMLs.

## TYCOM/NPTU/NAVSEA FMSB CONFERENCE

*Mike Hardison*

FMSB will host a conference May 21, 2003 with the Type Commanders, Nuclear Power Training Units, and NAVSEA. This is a follow-up to the conference held in November 2002. The results of this conference will be published in the next FMSB Newsletter.

## FMSB PHONE NUMBER CHANGE

*Jim Null*

The DSN prefix for NNSY has changed to 386. To contact FMSB using DSN, call DSN 386-1185, then the last five digits of the person you are calling. If you are calling someone within NNSY, dial 386-xxxx. BEQ reservations: (757) 396-0986, DSN 386-0986, FAX 396-1481. BOQ reservations: (757) 396-2887, DSN 386-2887, FAX 396-2944.

## FMSB COURSE SCHEDULE

### Nuclear Planners Course

NPC 03-2 28 Jul – 29 Aug 2003  
NPC 04-1 20 Jan - 24 Feb 2004  
NPC 04-2 26 Jul - 27 Aug 2004

### Quality Assurance Officers Course

QAOC 04-1 06 Oct - 07 Nov 2003  
QAOC 04-2 19 Apr - 20 May 2004

### Nuclear Trade Skills Course

NTSC 03-3 14 Jul – 22 Aug 2003  
NTSC 04-1 07 Oct - 19 Nov 2003  
NTSC 04-2 01 Mar - 09 Apr 2004

## FMSB COURSE SCHEDULE

### Propulsion Plant Trade Skills Course

PPTSC 03-4 9 Jun – 27 Jun 2003  
PPTSC 03-5 8 Sep – 26 Sep 2003  
PPTSC 04-1 26 Jan - 13 Feb 2004  
PPTSC 04-2 03 May - 21 May 2004  
PPTSC 04-3 07 Jun - 25 Jun 2004  
PPTSC 04-4 12 Jul - 30 Jul 2004  
PPTSC 04-5 16 Aug - 3 Sep 2004

Dept Hd \_\_ Div Hd \_\_ Supv/LCPO \_\_ TRG/QA \_\_ 38N/RM/M-DIV \_\_ Planning \_\_ File \_\_

## **CUTTING TOOL ELECTRIC DRIVE MOTOR**

*Ken Korpanty*

FMSB has obtained a new style electric drive motor from Puget Sound Naval Shipyard for the cutting tools. FMSB intends to obtain more motors to use in the Nuclear Trade Skills Course to expose students to an alternate drive system that is more dependable and easier to operate than the existing air motors. Electric drive systems maintain desired speed and torque during the entire cutting evolution. They have the capability of easily changing speeds to suit the experience level of the operator. They are also reversible.

The new design is available from PSNS and is more economical than previous models. Adapters are being manufactured to connect these motors to the standard cutting machines used by the fleet.

## **MASTER QUALIFIED PRODUCTS LIST**

*Hod Verble*

Commands on distribution for NAVSEA 0989-064-3000, Cleanliness Manual, should have received their copy of the Master Qualified Products List (MQPL), Revision Date: 23 April, 2003. The latest copy of the MQPL should be placed in the back of the Cleanliness Manual for easy reference. In accordance with the Cleanliness Manual, Ships Force and Fleet Maintenance Activities should only use maintenance products (lubricants, cutting oils, sealant, etc.) low in detrimental material. The MQPL is one source that may specify a needed maintenance product that has been tested by a Naval Shipyard to be within the detrimental material limits for reactor plant and steam plant maintenance. Also, if activities have access to the Naval Nuclear Propulsion Program Web Site (NNPPWEB), there is an electronic version of the MQPL updated by Electric Boat.

## **RECENTLY COMPLETED TRAINING**

*Jim Null*

FMSB recently completed the following training:

- \* San Diego Area Operating Unit Training, March 10 – 14. Topics: Reactor Plant/ Steam Plant Cleanliness with workshops, Controlled Material, QA Forms and Precision Measurement.

- \* TRF Kings Bay Operating Unit Training. March 31 – April 4. Topics: Technical Work Document (TWD) Format, Package Prep Records, TWD Research, System Repair Requirements, Source Documents, and QA Forms Workshop.

- \* PACNORWEST Operating Unit Training, April 14 – 18. Topics: Steam Plant Cleanliness and LP (Steam Valve) Carbide Seat Cutter with workshops.

- \* Nuclear Trade Skills 03-2 graduated April 11 2003 with a class of 6. Attendees are reporting to various commands; CVN (3) , NPTU Ballston Spa (1), NRMD Norfolk (1), and NPTU Charleston (1).

- \* Propulsion Plant Trade Skills Course 03-1 graduated December 20 with a full class of 6. Attendees are reporting to various commands; SIMA San Diego (1), AS (1) and CVN (4)

- \* Propulsion Plant Trade Skills Course 03-2 graduated February 14, 2003 with a class of 5. Attendees are all reporting to CVNs.

- \* Primary Valve Operator Train-the-Trainer Course, January 29 to February 13 for the Norfolk area commands.

## **UPCOMING TRAINING**

*Jim Null*

FMSB is scheduled to conduct the following training:

- \* TRF Kings Bay, Media Discharge support, June 2 – 6.

## **MASTER INDEX**

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Previous issues or articles are available by visiting the FMSB WebSite or contacting FMSB by phone or e-mail. (POC Jim Null)	

## **WRONG VALVE PACKING MATERIAL**

*Phil Doyle/John Henderson*

This is a repeat of an article published in FMSB Newsletter in February 2002. During a recent visit to several units, FMSB discovered the ships were unaware of the following problem. When repacking (NAVSHIPS 803-2177525) carbon steel valves (NAVSEA 0948-LP-012-5000, Section 4.1), the packing should be the corrosion inhibited type. This type may have a dull gray powdery finish in lieu of a shiny black appearance exhibited by non-corrosion inhibited packing. FMSB has recently generated a Discrepant Material Report (DMR) that identifies deficient graphitic stem packing procured from NNSY supply. Packing used in carbon steel steam plant valves requires a zinc corrosion-inhibitor, as identified by NAVSEA 0948-LP-012-5000 and NAVSHIPS 803-2177525. However, the packing retrieved from the supply system did not appear to have this coating. Per NAVICP and DSCP, the correct material had been ordered on contract number SP0540-01-M-F083 from a vendor, but the incorrect material may have been provided. This may be widespread, since the contract provided nearly 5000 rings of packing. In addition, packing material provided under different contract numbers has also been identified. If procured material is suspect, Standard Navy Valve Yard, Northrop Grumman Newport News should be contacted for resolution.

## **FUTURE ARTICLES**

*Jim Null*

If you have a question and/or articles of interest for *The FMSB Newsletter*, please let us know. If necessary, FMSB will conduct the research. Request deadline for the next issue is July 17, 2003. Write, E-mail, or call FMSB.

## **DETAILERS**

Detailer information is provided to assist in obtaining billets for FMSB scheduled courses.

**Nuclear Planners Course (NPC)**

**CANTRAC S-661-1022: MMCS (SS) Ciko**  
p403cd@persnet.navy.mil, (901) 874-3627,  
DSN 882-3627.

**Nuclear Trade Skills Course (NTSC)**

**CANTRAC S-661-1025: MM1 (SS) Richmond**  
p403cg@persnet.navy.mil, (901) 874-3628,  
DSN 882-3628.

**Quality Assurance Officers Course (QAOC)**

**CANTRAC S-4H-0001: LCDR Tom Armstrong**  
p422a@persnet.navy.mil, (901) 874-3945, DSN  
882-3945, Fax (901) 874-2648.

**Propulsion Plant Trade Skills Course (PPTSC)**

**CANTRAC S-661-1026 MMC (SW) Goodman,**  
p403cr@persnet.navy.mil, (901) 874-3632, DSN  
882-3632.

**NORFOLK NAVAL SHIPYARD  
FLEET MAINTENANCE SUPPORT  
BRANCH, CODE 2380.3, BUILDING 276  
PORTSMOUTH VA 23709-5000  
FAX (757) 393-7120  
(DSN 386-1185 + last five digits)**

**Mike Hardison - Supervisor**

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Tom Batts - Valve Replacement, PVO,

BattsTW@nnsy.navy.mil. (757) 393-7124

**Chuck Davis - Trade Skills, Valve Repair,**

DavisCE@nnsy.navy.mil. (757) 393-7185

Gerry Dodd - Quality Notes, Freeze Seals, Training Valves,

Mock-ups, DoddGA@nnsy.navy.mil, (757) 393-7125

**Mike Dodson - SubSafe, Testing,**

DodsonME@nnsy.navy.mil (757) 393-7134

Phil Doyle - Technical Manuals and Drawings, PVO

DoylePJ@nnsy.navy.mil. (757) 393-7141

**Butch Estridge - Trade Skills, valve replacement, fitting**

**pipe, Basic Trade Skill Lesson Plans**

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John Henderson - Valve Repair, PVO, Trade Skills,

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**Ken Korpanty - Cutting Tools, Mockups**

KorpantyKR@nnsy.navy.mil (757) 393-7112

Jim Null - On-site Training and Sponsorship, PVO

NullJL@nnsy.navy.mil. (757) 393-7042

**Al Pendleton - LARs, Plant Conditions and Effluent  
Collection**

PendletonJA@nnsy.navy.mil. (757) 393-7189

Mark Rice - Trade Skills, valve replacement, pipe fitting, Basic  
Trade Skill Lesson Plans

RiceME@nnsy.navy.mil. (757) 393-7187

**Jeff Smith - Trade Skills, valve replacement, pipe fitting**

SmithJEA@nnsy.navy.mil, (757) 393-7193

Tim Tew - FWP/CWPs, ShipAlts, JFMM

TewTN@nnsy.navy.mil. (757) 393-7140

**Beverly Verble - Course Scheduling**

VerbleBS@nnsy.navy.mil. (757) 393-7144

Hod Verble - Reactor/ Steam Plant Cleanliness, Material

Control. VerbleHL@nnsy.navy.mil. (757) 393-7139

**Sheila Tucker - Vault Custodian and Technical Manuals**

TuckerSR@nnsy.navy.mil.

**When contacting FMSB by e-mail, send  
the e-mail to two or more people. That  
way if someone is on leave or travel,  
another person can contact you.**

## **NNSY CODE 138 WELDING & NDT**

**Johnny Broach - Welding,**

BroachJL@nnsy.navy.mil (757) 396-5510/5579

**Eugene Charpia NDT,**

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**REQUEST WIDEST DISSEMINATION WITHIN THE REPAIR/TRAINING ORGANIZATION OF YOUR ACTIVITY**